

ABSTRACT OF THE DISCLOSURE

An optical surface-finishing tool includes a rigid support (4) having a transverse end surface (13); an elastically-compressible interface (5) which is applied against the end surface (13) such as to cover same; and a flexible buffer (6) which can be applied against the optical surface (2), which is applied against the interface (5) and which covers the interface at least partially, opposite and in line with the end surface (13). The buffer includes a central part (6a) which is in line with the end surface (13) and a peripheral part (14) which extends transversely beyond the end surface (13). There is also an elastic return element (15) having a collar (18) which is used to connect the peripheral part (14) to the support (4). Moreover, the collar (18) includes a continuous peripheral part (22) which rests on the peripheral part (14) of the buffer (6) such as to co-operate therewith.